
FOR THOSE WHO DEMAND MORE. TIGER MATE 200
CASE IH

TIGER-MATE 200

JUMP-START YOUR YIELD POTENTIAL

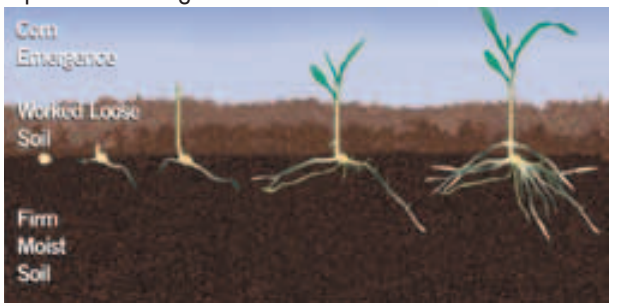
Plants that get off to a fast, uniform start are proven to be more vigorous throughout their life cycle and are in the best position to maximize their growing potential. Seed bed conditions at planting are the determining factor for whether or not this great start happens.

The industry leading Case IH tiger-mate 200 field cultivator and crumbler team up to create a firm, level seed bed.

- warming the soil for quicker dry-down
- earlier planting allows for a longer growing season
- improved soil tilth allows for better seed-to-soil contact
- allows for faster germination and uniform crop emergence

The Case IH tiger-mate 200 and crumbler® are the perfect seed bed preparation team to give you the best chance for a great season.

Optimum Growing Environment



It is very important to prepare the proper seed bed to ensure uniform germination and emergence. If your crops emerge late or uneven, you could stand to lose 12% or more yield at the beginning of the growing season.

Source: NCH36 Carter, Natziger, Hicks

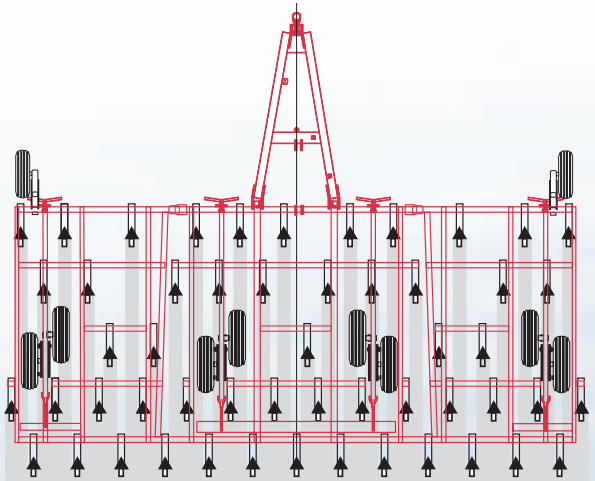
BUILD THE PERFECT SEED BED

Creating the perfect seed bed is the key to improving your crop's chances at maximizing yield potential. With the Case IH tiger-mate II working for you in the Spring, you can create greater surface soil tilth with proper pore and soil aggregate size and distribution within the seed zone.

The tiger-mate 200 offers:

- positive, mechanical depth control for uniform depth
- walking tandems are standard equipment on the mainframe and each wing section
- stabilizing wheels are standard equipment on each wing section

Through its Split-the-Middle Sweep (SMS) pattern and 152 mm (6 in.) shank spacing, the tiger-mate 200 thoroughly mixes residue with the soil and incorporates nutrients evenly, reducing "hot spots" that can burn the roots of young seedlings.



SPLIT-THE-MIDDLE SWEEP (SMS) PATTERN

The SMS design also assures even tracking and uniform sweep wear by evenly loading both sides of each sweep, which prepares a level seed bed for uniform emergence. The first three rows of shanks take a full cut through the soil, and the fourth and fifth rows cut out the middles. Soil, residue and chemicals are mixed and spread uniformly across the width of the unit and throughout the tillage depth.

MAXXI-POINT™ SWEEP

Manufactured from 6.5-mm high-strength Earth Metal® alloy steel for increased toughness and longer wear life, the Maxxi-Point™ outperforms competitive sweeps. Featuring heavy-duty extended length nose with a 1/2-inch wide wear point for improved penetration.

ACCEPT NO IMITATIONS

An important key to creating a level seed bed is making sure the cultivator stays at uniform depth. While this may seem obvious, this simple difference is one of the many things that distinguishes the tiger-mate II from competitive, look-alike models.

TIGER-MATE 200 SHANK PACKAGE

- *68 kg (150 lbs.) of trip force provides consistent holding power in extreme conditions*
- *Provides penetration for higher speeds in hard ground*
- *Maintains uniform depth and residue flow*
- *Standard 356 mm (14 in.) trip height clears virtually every obstruction*
- *Compression springs maintain holding force throughout life of shank*
- *"Clamp style" mounts with positive stops provide a level, uniform bed*

The optional one-way pivot allows the stabilizer wheel to pivot when it is on the inside position of a turn to maintain proper depth control and reduce side loads on the wheel and tire. A stop built into the stabilizer wheel prevents the wheel from wobbling when operating in a straight line or on the outside of a turn.

A bridge frame design is used for the ultimate in strength and performance. 5-bar frame utilizes 76 x 102 mm (3 x 4 in.) side-to-side and 51 x 51 mm (2 x 2 in.) front-to-rear tubing. Lap welds are used to increase strength and extend frame life.

VALUABLE VERSATILITY FOR VARYING SOIL TYPES

Case IH tiger-mate 200 Advanced Leveling Systems (ALS) evenly distribute soil and residue behind the field cultivator for a smooth, level field finish and easier planting.

*The **Coil Tine Harrow** has a 4-bar design and 38 cm (15 in.) rank for excellent residue flow and leveling. This harrow utilizes 41 cm (16 in.) long, 11.1 mm (7/16 in.) diameter double-coil tines with 63.5 mm (2-1/2 in.) effective spacing. Tines rotate to prevent damage when backing up.*

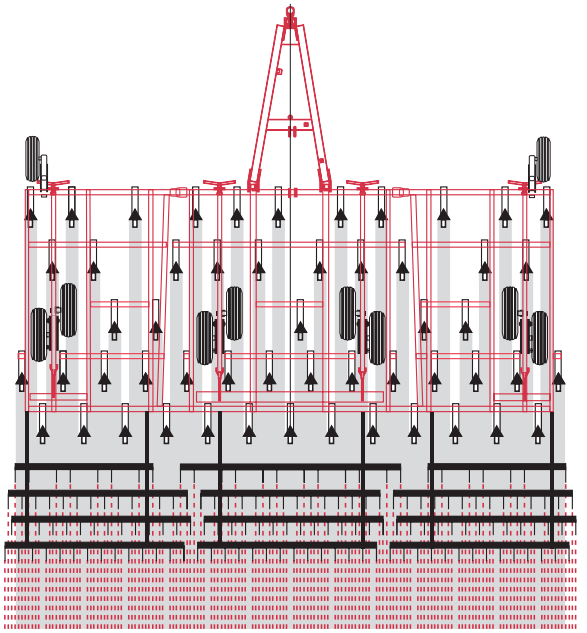
- *Indexed tines on four bars create smooth, level fields by evenly distributing soil and residue, breaking clods and killing weeds*
- *Handles heavy residue without bunching or allowing clumped residue to drag*

UNPARALLELED FIELD PERFORMANCE

The coil-tine harrow uses a unique combination of split-the-middle indexed tine placement, parallel linkage, and three-tine angle adjustments to achieve its superior field performance. The indexed tines on all four ranks create smooth, level fields by evenly distributing soil and residue through split-the-middle tine placement. Double tines on the first rank are centered between the sweeps to knock down the ridge left by the shanks. The second, third and fourth ranks of the tiger-tine split the middle of prior ranks to again level any remaining ridge.

The result is an effective 51 mm (2 in.) tine spacing that has unparalleled performance in the field.

The parallel linkage and non-linked tine bars allow for independent movement and eliminate levelness settings while handling residue without bunching or allowing clumped residue to drag.



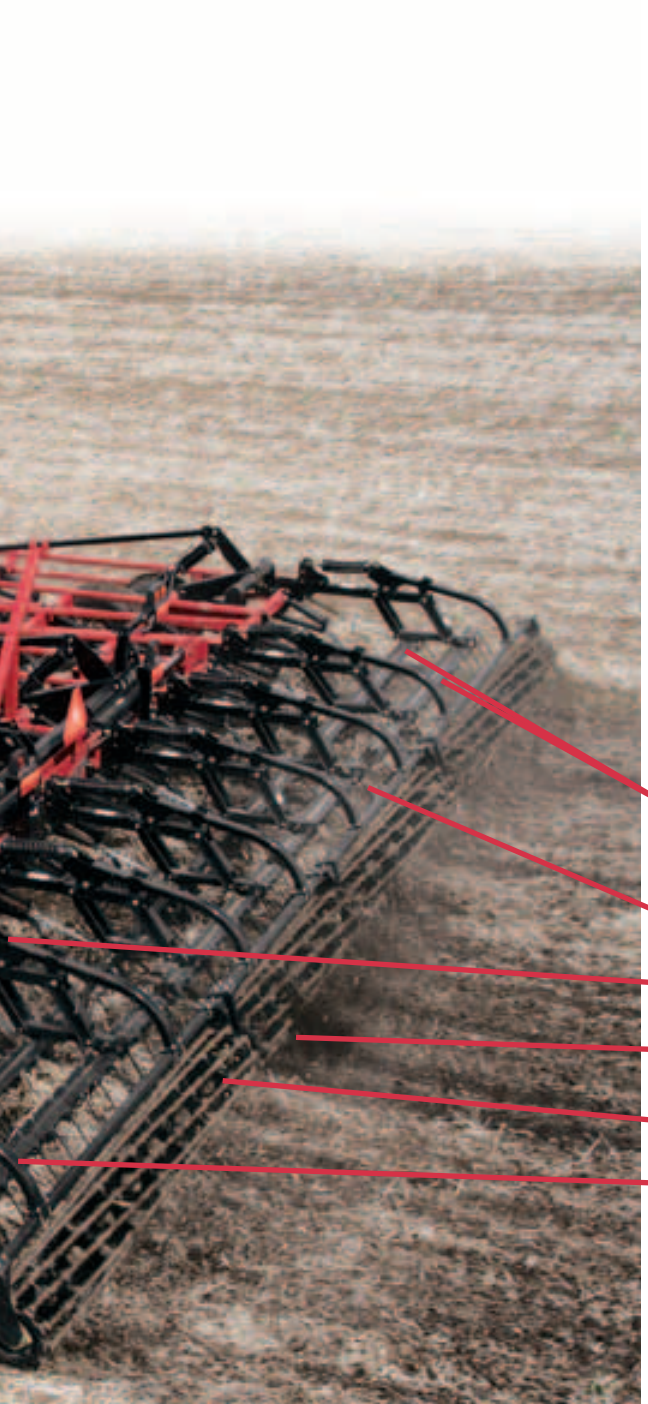
The unique flexible design of the coil-tine harrow prevents skips and gouges when going over terraces and through draws, while keeping it level from front to back and side to side. Depth and level adjustments are eliminated for maximum productivity in the field.

Two pins per arm adjust the tine angle and spring pressure (no tools are needed).
5° - for aggressive leveling in heavy soils with minimal residue.
20° - the standard setting for most soils and residue.
35° - for extremely heavy residue.

SUPERIOR SYSTEMS FOR SMOOTHER SEED BEDS

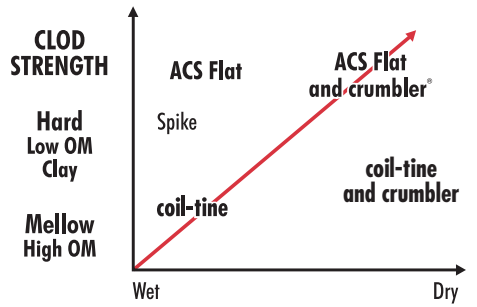
Case IH Advanced Conditioning Systems increase your profit potential two ways: by improving seed bed conditions, and thereby yields, and by increasing operator efficiency. Like the Case IH coil-tine harrow, these systems have no depth or level adjustments. **Just drop the cultivator and go!** The ACS leads the industry in consistent down pressure throughout an entire 66 cm (26 in.) trip clearance. It creates a **uniform soil finish in the most diverse conditions**, without compacting the soil.

Match your desired field finish with your soil environment and farming practice, and then select the Advanced Conditioning System that is best for your fields. No matter which ACS model you choose, you will create a smooth, level seed bed for easier planting and early, uniform emergence.



DECISION GUIDE FOR HIGHER YIELDS BASED ON AGRONOMIC SEED BED CONDITIONS

Step 1) Purchase Decision Based on Soil Conditions



Step 2) Use Decision Based on Weather Conditions

The ACS Flat is the choice for aggressive clod sizing without firming. Knife-like blades cut clods and throw soil and residue. All down pressure is concentrated on cutting action. The aggressive soil throwing action mixes fines and clods without firming, which speeds drying.

The ACS Flat works well in hard or high-clay soil. Because the ACS Flat does not firm, it can run in wet or dry conditions, and it can be run in wetter conditions than the crumbler or ACS Round.

BUILT FOR PERFORMANCE

A. 2-bar coil tine harrow is indexed to the rear shanks of the cultivator to effectively level the soil and distribute residue before the baskets. The parallel linkage eliminates depth adjustments.

B. No tools are needed to adjust tine angle for a customized field finish.

C. Adjustable spring down pressure per foot (27-36 kg/60-80 lbs.).

D. Large, 356 mm (14 in.) baskets easily roll over obstructions.

E. Open basket centers for less basket load and plugging.

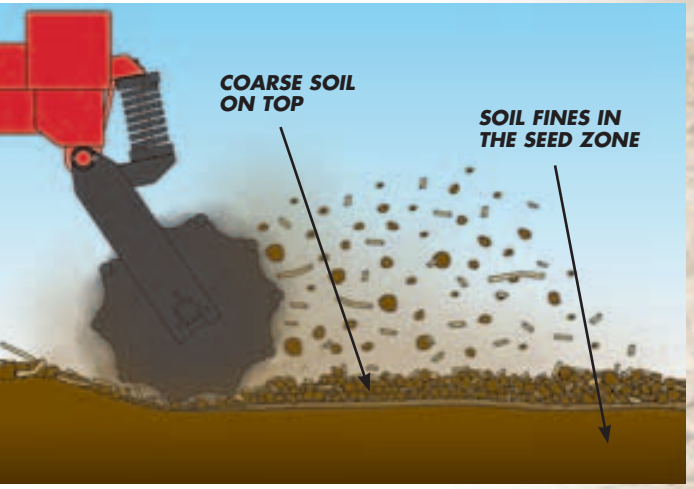
F. Basket arms can be easily adjusted up by turning one bolt per arm if conditions are too wet.

CRUMBLER® SEED BED FINISHER

The Case IH crumbler combines with the tiger-mate 200 to complete all of your secondary tillage in one pass.

- Reduces clod size
- Improves seed bed levelness
- 49.9 kg (110 lbs.) per foot of down pressure creates an ideal seed bed
- Knocks soil off of old root crowns and roots of existing weeds for additional weed control

There are many crumbler sizes available to match with an appropriately sized field cultivator or disk harrow.



This final tune-up creates an excellent seed bed of firm, fine soil covered by loose, coarse soil. The crumbler firms soil to reduce air pockets and moisture evaporation and enhances chemical incorporation to reduce "hot spots."

TIGER-MATE 200

FRAME TYPE	WORKING WIDTH	MAINFRAME WIDTH	APPROX. TRANSPORT DIMENSIONS WIDTH (MAX)*	HEIGHT (MAX)**
Single-Fold:	6.9 and 8 m (22.5 and 26.5 ft.)	3.2 m (10.5 ft.)	4.2 m (13.9 ft.)	3.8 m (12.5 ft.)
	9.9 m (32.5 ft.)	3.8 m (12.5 ft.)	4.8 m (15.9 ft.)	4.0 m (13.3 ft.)
	11.1 m (36.5 ft)	4.4 m (14.5 ft.)	5.5 m (17.9 ft.)	4.6 m (15.1 ft.)
Double-Fold:	1.3 and 13.0 m (40.5 and 42.5 feet)	3.8 m (12.5 ft.)	5.2 m (16.9 ft.)	4.1 m (13.5 ft.)
	15.4 m (50.5 ft.)	4.4 m (14.5 ft.)	5.8 m (18.9 ft.)	4.2 m (13.6 ft)
	16.6 and 18.4 m (54.5 and 60.5 ft.)	4.4 m (14.5 ft.)	5.8 m (18.9 ft.)	4.7 m (15.6 ft.)

HITCH: Self-Leveling hitch with turnbuckle adjustment
Swinging hose stand with operator's manual storage
Perfect Hitch for easier hookup

MAINFRAME: Industry-first bridge frame construction
Five ranks of 76 x 102 mm (3 x 4 in.) side to side and double 51 x 51 mm (2 x 2 in.) fore/aft structural members
Minimum rank spacing is 76.2 cm (30 in.)

SHANKS: Split-The-Middle sweep pattern
15.9 mm (5/8 in.) thick by 44.5 mm (1-3/4 in.) shanks
Effective shank spacing is 152 mm (6 in.) with minimum 60 cm (24 in.) spacing on any rank
Compression-spring design with 68 kg (150 lbs.) trip force and 356 mm (14 in.) trip height

DEPTH CONTROL SYSTEM: Positive mechanical crank adjustment turnbuckle for fore/aft levelness with depth indicator
Convenient, wrench-free adjustment from the front bar

AVAILABLE OPTIONS: Rear hitch to pull crumbler
Long Nose sweeps
Advanced Leveling System harrows available (4-bar coil-tine)
Advanced Conditioning Systems available ACS Flat

OPERATING GUIDELINES: Vary with soil conditions
Requires approximately 4 to 7 pto horsepower per foot or 2 to 3.5 pto horsepower per shank
Recommended operating speed is 8.8 km/m (5.5 mph) to 12.8 km/m (8 mph)

CRUMBLER

FRAME TYPE	WORKING WIDTH	MAINFRAME WIDTH	APPROX. TRANSPORT DIMENSIONS WIDTH (MAX)*	HEIGHT (MAX)**
Rigid:	3.8 m (12.5 ft.)	3.8 m (12.5 ft.)	4.0 m (13 ft.)	1.4 m (4.5 ft.)
	4.6 m (15 ft.)	4.6 m (15 ft.)	4.7 m (15.5 ft.)	1.4 m (4.5 ft.)
Single-Fold:	5.5 m (18 ft.)	3.0 m (10 ft.)	4.0 m (13 ft.)	2.1 m (7 ft.)
	6.1 m (20 ft.)	3.0 m (10 ft.)	4.0 m (13 ft.)	2.4 m (8 ft.)
	6.9 m (22.5 ft.)	3.8 m (12.5 ft.)	4.7 m (15.5 ft.)	2.4 m (8 ft.)
	7.6 m (25 ft.)	3.0 m (10 ft.)	4.0 m (13 ft.)	3.4 m (11 ft.)
	8.4 m (27.5 ft.)	3.8 m (12.5 ft.)	4.7 m (15.5 ft.)	3.0 m (10 ft.)
	9.1 m (30 ft.)	4.6 m (15 ft.)	5.5 m (18 ft.)	3.0 m (10 ft.)
Double-Fold:	9.1 m (30 ft.)	3.0 m (10 ft.)	4.9 m (16 ft.)	2.9 m (9.5 ft.)
	9.9 m (32.5 ft.)	3.8 m (12.5 ft.)	5.6 m (18.5 ft.)	2.9 m (9.5 ft.)
	1.7 m (35 ft.) Narrow	4.6 m (10 ft.)	4.9 m (16 ft.)	3.7 m (12 ft.)
	1.7 m (35 ft.)	4.6 m (15 ft.)	6.4 m (21 ft.)	2.9 m (9.5 ft.)
	11.4 m (37.5 ft.)	3.8 m (12.5 ft.)	5.6 m (18.5 ft.)	3.7 m (12 ft.)
	12.2 m (40 ft.)	4.6 m (15 ft.)	6.4 m (21 ft.)	3.7 m (12 ft.)
	13.0 m (42.5 ft.)	3.8 m (12.5 ft.)	5.6 m (18.5 ft.)	3.7 m (12 ft.)
	13.7 m (45 ft.)	4.6 m (15 ft.)	6.4 m (21 ft.)	3.7 m (12 ft.)
	15.2 m (50 ft.)	4.6 m (15 ft.)	6.4 m (21 ft.)	4.4 m (14.5 ft.)

HITCH: Telescoping tongue shortens for transport and storage
Tongue lengths vary depending on working width and frame configuration

MAINFRAME : Double-bar 102 x 102 mm (4 x 4 in.) members on mainframe and inner wings
Single-bar 102 x 102 mm (4 x 4 in.) on outer wings

REELS: 356 mm (14 in.) diameter with 10 solid 22.2 mm (7/8 in.) bars
Spring-cushioned with approximately 49.9 kg (110 lbs. per foot) of ground pressure

HYDRAULICS: One lift circuit operates both wing-fold and transport cylinders and fittings; ISO tips

TRANSPORT TIRES: 9.5 L x 15 8-Ply tubeless rib implement tires

OPERATING GUIDELINES: Vary with soil conditions
Requires approximately 1 pto horsepower per foot
Recommended operating speed is 8.05 km/m (5 mph) to 12.87 km/m (8 mph)

* To outermost shank ** Without harrows (Transport height and width may vary with harrows and are approximates.)

Advanced Leveling Systems (ALS) Harrows

	4-bar coil-tine
RANKS:	4
SPIKE/TINE LENGTH:	41 cm (16 in.)
SPIKE/TINE DIAMETER:	11.1 mm (7/16 in.)
SPIKE/TINE SPACING:	203 mm (8 in.)
EFFECTIVE SPIKE/TINE SPACING:	51 mm (2 in.)
TINE ANGLE ADJUSTMENT:	3-position adjustment

Advanced Conditioning Systems (ACS)

RANKS:	2 ranks of tines	LENGTH (FRONT TO BACK):	196 cm (77 in.)
RANK SPACING:	381 mm (15 in.)	BASKET DIAMETER:	356 mm (14 in.)
TINE LENGTH:	41 cm (16 in.)	FLAT BAR SIZE:	6.4 x 31.8 mm (1/4 x 1.25 in.)
TINE DIAMETER:	11.1 mm (7/16 in.)	ROUND TUBE SIZE:	22.2 mm (7/8 in.) diameter hollow tubes
EFFECTIVE TINE SPACING:	102 mm (4 in.)		
TINE ANGLE ADJUSTMENT:	5°, 20°, or 35°	BASKET DOWN PRESSURE:	27.2-36.3 kg (60-80 lbs.)

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